

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/775,501
		Filing Date	February 9, 2004
		First Named Inventor	Peltonen, Leena
		Art Unit	To Be Assigned
		Examiner Name	To Be Assigned
Total Number of Pages in This Submission	8	Attorney Docket Number	084500-000100US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of International Search Report (4 pages); References (11); Return Postcard.
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP	Reg. No. 39,381
Signature		
Date	May 4, 2004	

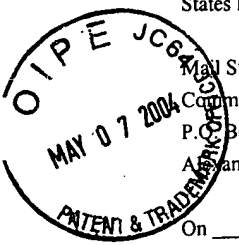
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Signature			

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Attorney Docket No.: 084500-000100US
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Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On May 4, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Leena Peltonen, et al.

Application No.: 10/775,501

Filed: February 9, 2004

For: IDENTIFICATION OF A DNA
VARIANT ASSOCIATED WITH
ADULT TYPE HYPOLACTASIA

Examiner: To Be Assigned

Art Unit: To Be Assigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

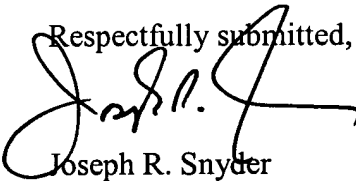
The references cited on the attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are also submitted herewith. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the International Search Report issued in connection with the corresponding International Patent Application No. PCT/EP02/08963.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Joseph R. Snyder
Reg. No. 39,381

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/775,501
Filing Date	February 9, 2004
First Named Inventor	Peltonen, Leena
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	084500-000100US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1.	BOLL, W., et al., "Structure of the chromosomal gene and complementary DNAs coding for lactase phlorizin hydrolase in humans with adult-type hypolactasia or persistence of lactase" Am. J. Hum. Gen. 48(5):889-902 (1991).	
✓	2.	ENATTAH, N., et al., "Identification of a variant associated with adult-type hypolactasia" Nature Gen. 30(2):233-237 (2002).	
✓	3.	GRAND, R. et al., "Changing genes; losing lactase" Gut 52:617-619 (2003).	
✓	4.	HARRINGTON, J. et al., "RST8055 Athersys RAGE library Homo sapiens cDNA, mRNA sequence" DATABASE EMBL 'Online', 26 April 2001, Accession No. BG189020.	
	5.	JARVELA, I., et al., "Assignment of the locus for congenital lactase deficiency to 2q21, in the vicinity of but separate from the lactase-phlorizin hydrolase gene" Am. J. Hum. Gen. 63(4):1078-1085 (1998).	
✓	6.	KUOKKANEN, M. et al., "Transcriptional regulation of the lactase-phlorizin hydrolase gene by polymorphisms associated with adult-type hypolactasia" Gut 52:647-652 (2003).	
✓	7.	MAHAIRAS, G. et al., "HS_3081_B2_E03_T7C CIT approved human genomic sperm library D Homo sapiens genomic clone" DATABASE EMBL 'Online', 11 November 1999, Accession No. AQ892176.	
✓	8.	MAHAIRAS, G. et al., "HS_3106_A2_D07_T7C CIT approved human genomic sperm library D Homo sapiens genomic clone" DATABASE EMBL 'Online', 3 August 1999, Accession No. AQ781670.	
	9.	MAHAIRAS, G. et al., "HS_5237_A1_G08_SP6E RPCI-11 human male BAC library Homo sapiens genomic clone" DATABASE EMBL 'Online', 5 May 1999, Accession No. AQ515834.	
	10.	SULSTON, J., et al., "Homo sapiens BAC clone RP11-34L23 from 2, complete sequence" DATABASE EMBL 'Online', 18 October 1999, Accession No. AC011893.	
	11.	WANG, Y., et al., "The lactase persistence/non-persistence polymorphisms is controlled by a cis-acting element" Hum. Molec. Gen. 4(4):657-662 (1995).	

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Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.